BID FORM

MISSOURI DEPARTMENT OF TRANSPORTATION

GENERAL SERVICES 830 MoDOT DRIVE – P.O. BOX 270 JEFFERSON CITY, MO 65109

REQUEST NO.		2-070905B	
DATE		August 20, 2007	
PAGE NO.	1	NO. OF PAGES	

SEALED BIDS, SUBJECT TO THE ATTACHED CONDITIONS WILL BE RECEIVED AT THIS OFFICE UNTIL

BIDS TO BE BASED F.O.B. MISSOURI DEPARTMENT OF TRANSPORTATION

Submit net bid as cash discount stipulations will not be considered

2:00 p.m., Local Time, September 5, 2007

AND THEN PUBLICLY OPENED AND READ FOR FURNISHING THE FOLLOWING SUPPLIES OR SERVICES.

F.O.B. Destinations As Listed

DEFINITE DELIVERY DATE SHOULD BE SHOWN. SIGN AND RETURN BEFORE TIME SET FOR OPENING. ALL BIDS SHOULD BE EXTENDED AND TOTALED.

BUYER: Brenda Tyree

BUYER EMAIL:

BUYER TELEPHONE:

573-751-7482

Brenda.Tyree@modot.mo.gov

ITEM NO.	SUPPLIES OR SERVICES	MFG. NO. OR BRAND	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	NEMA TS1 Traffic Signal Controller Assemblies					
	See attached sheet				* _	· .
2	NEMA TS2 Traffic Signal Controller Assemblies					
	See attached sheet					
	Contract period shall be effective from					
	October 1, 2007 through September 30, 2008.					
	All equipment must conform to the					
	attached specifications.					
	Award will be made on "Item-by-Item"					
	basis, provided the prices are acceptable to the			**		
	Commission.					

Components of Agreement: The Agreement between MHTC and the successful Bidder shall consist of: the RFB and any written amendments thereto, the "Standard Bid/Proposal Provisions, General Terms and Conditions and Special Terms and Conditions" that are attached to this RFB, the bid submitted by the Bidder in response to the RFB and the post-award contract agreement signed between the parties. However, MHTC reserves the right to clarify any relationship in writing and such written clarification shall govern in case of conflict with the applicable requirements stated in the RFB or the Bidder's bid. The Bidder is cautioned that its bid shall be subject to acceptance by MHTC without further clarification.

Return sealed bid to the address shown at the top of this page.

(SEE ATTACHED FOR CONDITIONS AND INSTRUCTIONS)

In compliance with the above Request For Bid, and subject to all conditions thereof, the undersigned bidder agrees to furnish and deliver any or all the items on which prices were bid within the timeframe specified herein, after receipt of formal purchase order.

Date:	Firm Name:	
Telephone No.:	Address:	
Fax No.:		
Federal I.D. No.	By (Signature):	
Email Address:	Type/Print Name	
Form E-103 (Rev. 11-04)	Title:	

Specification Requirement:

TS2 bids – A list including each component with the manufacturer name and model number shall be completed and returned with the bids. Only TS2/Type 2 controllers on the attached list will be accepted. Only TS1 cabinets on the latest revision of the MoDOT Approved Product List for Traffic Signals and Highway Lighting will be accepted.

The controllers must be built according to the attached specifications and wired according to the individual phasing sheets.

District Location, Quantities, and Unit of Measure:

The contractor shall provide and deliver the following:

NEMA TS1 Traffic Signal Controller Assemblies

•		
District 1 - St. Joseph	4	each
District 2 – Macon	2	each
District 3 – Hannibal	1	each
District 4 – Kansas City	10	each
District 7 – Joplin	2	each
District 9 –Willow Springs	2	each
District 9 – Rolla	3	each
District 10 – Sikeston	4	each

NEMA TS2 Traffic Signal Controller Assemblies

District 4 – Kansas City	2	each
District 6 – St. Louis	8	each

Illegal Immigrants:

Executive Order: The contractor shall comply with all the provisions of Executive Order 07-13, issued by the Honorable Matt Blunt, Governor of Missouri, on the sixth (6th) day of March, 2007. This Executive Order, which promulgates the State of Missouri's position to not tolerate persons who contract with the state engaging in or supporting illegal activities of employing individuals who are not eligible to work in the United States, is incorporated herein by reference and made a part of this Agreement.

- 1) "By signing this Agreement, the Contractor hereby certifies that any employee of the Contractor assigned to perform services under the contract is eligible and authorized to work in the United States in compliance with federal law."
- 2) In the event the Contractor fails to comply with the provisions of the Executive Order 07-13, or in the event the Commission has reasonable cause to believe that the contractor has knowingly employed individuals who are not eligible to work in the United States in violation of federal law, the Commission reserves the right to impose such contract sanctions as it may determine to be appropriate, including but not limited to contract cancellation, termination or suspension in whole or in part or both.

TS2 Traffic Signal Controllers Approved For Purchase

Eagle EPAC M42 (type 2)

Eagle EPAC M52 (type 2)

Econolite ASC/2S-1000 (type 1)

Econolite ASC/2S-2100 (type 2)

Naztec 980 (type 2)

MISSOURI DEPARTMENT OF TRANSPORTATION NEMA TS1 TRAFFIC CONTROLLER ASSEMBLIES

The equipment shall conform to the latest revision of Section 1092 of the Missouri Standard Specifications for Highway Construction and the following:

- 1. Controller operation shall comply with color sequence and phasing shown on attached intersection layout(s) and phasing and timing sheet(s) *or* controller order form.
- 2. Time-delay-to-call shall be integral with detectors so indicated. Calling detectors shall be supplied where indicated.
- 3. Cabinets indicated for side of pole mounting shall be furnished with the bottom undrilled or with a plate of the same cabinet material, covering 85 percent of the bottom area, attached to the bottom with four, 1/4 inch diameter bolts.
- 4. Furnish three complete operation manuals for all equipment, including but not limited to controllers, conflict monitors, detectors and auxiliary equipment. Furnish four complete cabinet wiring diagrams with each controller. The cabinet wiring diagrams shall include labeling for all field terminal connections and shall provide an orientation of the terminal layout that conforms with the intersection information supplied.
- 5. Only items on the latest revision of the Missouri Department of Transportation Approved Products List for Traffic Signals and Highway Lighting Equipment will be accepted. The attached Traffic Controller Assembly Equipment List shall be completed and returned with the bids.
- 6. Closed Loop Controller Requirements:

If the controller is specified for a closed loop system, then it shall be fully communications and features compatible with the specified system and shall conform to the latest revision of Section 1092 of the Missouri Standard Specifications for Highway Construction and the following. All necessary hardware shall be supplied to provide communications. The MoDOT D Plug is not required for the closed loop controllers.

A. Interconnect Panel:

If this item is specified, the cost shall be included in the price bid for the controller.

B. <u>Dial-Up Modem:</u>

If this item is specified, the cost shall be included in the price bid for the controller.

C. <u>Cabinet Accessories</u>:

1. <u>Telephone Interface Panel</u>

The cost of this item shall be included in the price bid for the system master.

2. Extra Service Outlet

The cost of this item shall be included in the price bid for the system master.

- 7. These controllers shall be equipped with internal time base coordination using daily midnight reference or a selectable daily reference of which midnight can be selected. Each cabinet shall be furnished with twelve load switch jacks, unless otherwise indicated. Load switch jacks shall be completely wired to field terminal facilities as indicated on the controller order form. Conflict monitor shall be a twelve channel unit. All necessary components such as load switches, conflict monitors, flash transfer relays, and detector amplifiers shall be furnished. Cabinet type, interconnect information and delivery locations are attached.
- 8. All boxes of equipment delivered for a specific intersection should be clearly marked with both the controller number and the intersection, as shown on the Delivery Schedule.
- 9. All controllers shall be stamped or tagged with a manufacturer's serial number.

Award

The right is reserved to award all or none of the controllers and compatible accessories to a bidder, or to reject any and all bids.

Delivery

All equipment must be received at the specified destination within 90 calendar days after the issue date of the purchase order. Liquidated damages for late delivery will be assessed at \$50.00 per controller per day after the specified delivery date.

All boxes required to complete the controller assembly shall be packaged together as one.

Acceptance

All equipment shall be subject to a twenty day acceptance period, which includes fifteen days for testing the equipment and five days for the supplier to repair or replace any defective equipment. The test period shall begin no later than fifteen days after the date the equipment is received. Any failure or malfunction of the equipment during the test period shall be corrected at the vendor's expense. The equipment shall then be tested for an additional fifteen days. This procedure shall be repeated until the equipment has operated to the state's satisfaction for fifteen consecutive days. Liquidated damages for defective equipment shall be assessed at \$50.00 per controller per day after the twenty day acceptance period.

Liquidated Damages

Liquidated damages will be limited to 50 (fifty) percent of the total contract price. When this amount is reached, the Commission, at its discretion, reserves the right to cancel the remainder of the contract without being considered in breach of the contract and without any additional payment to the bidder. Prior to the effective date of cancellation by the Commission, the Commission will purchase all units requested, received and found acceptable, less any liquidated damages. The Commission will apply liquidated damages to those amounts not fulfilled.

Dated: August 15, 2007 3 of 3

TRAFFIC CONTROLLER ASSEMBLY EQUIPMENT LIST NEMA TS1 Traffic Signal Controller Assemblies

The following list shall be completed and returned with the bid. Equipment shall be agreed to and approved prior to the contract award. All delivered equipment shall be the products listed below.

<u>Item</u>	<u>Manufacturer</u>	Catalog Number
Cabinet and Back Panel Assembly		
NEMA Controller		
Conflict Monitor		
Load Switch		
Flasher		
Flash Transfer Relay	·	
Surge Protector		
Controller Breaker		
Auxiliary Breaker		
Power Supply (Card Rack Detectors)		
Detector, Induction Loop (2 Channel-Rack Mounted)		
· 		
Signed:	Title:	Date:

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2-POSITION-TS1 D PLUG NI 1	EMA TS1 LOAI 5 6 5 6 NEMA TS2 LOA	toscope D SWITCH A 7 AD SWITCH	ASSIGNM 8 I ASSIGN	9 MENTS					
D PLUG 1 2 3 4 1 2 4 THE PLUG NI 4 OF STANI NEMA	EMA TS1 LOAI 5 6 5 6 NEMA TS2 LO	D SWITCH A	8 ASSIGN	9 MENTS		11	12	□ EXCLUSI	VE PED PHASE
# OF STAN	5 6 5 6 NEMA TS2 LOA	7 AD SWITCH	8 ASSIGN	9 MENTS		11	12	EXCLUSION OF THE PROPERTY OF T	VE PED PHASE
# OF STAN	5 6 5 6 NEMA TS2 LOA	7 AD SWITCH	8 ASSIGN	9 MENTS		11	12	EXCLUSI	VE PED PHASE
1 2 3 4 1 1 2 4 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	5 6 5 6 NEMA TS2 LOA	7 AD SWITCH	8 ASSIGN	9 MENTS		11	12	EXCLUSI	VE PED PHASE
1 2 4 I	5 6 NEMA TS2 LO	AD SWITCH	I ASSIGN	MENTS		11	12	EXCLUST	VE PED PHASE
# OF STAN	J NEMA TS2 LÓ	- 1							
# OF STAN		- 1						(Tr)	
NEMA			10				000000000000000000000000000000000000000		
NEMA									
	DARD 2-CHAN YY/EXT 2-CHAI		l. F	1					
		CARI	D BACK C	ONFIGUR	ATION			٦	
	FILL IN POS	SITIONS NEI				ASE NUM	IBER		
1-CH1 2	2-CH1\ 3-	-CH1	4-CH1	5-CH1	6-C	H1 0	7-CH1	8-CH1	
]			1	<u> </u>		<u> </u>		
1-CH2 2	2-CH2 3-	-CH2 0	4-CH2 0	5-CH2	6-C	H2 4	7-CH2 4	8-CH2 4	
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	181	34							DET.
DELAY/EXTEND DE	T DE	ט -	ET	DET	DET)ET	DET	DET 🗸
	· -	7							
VIDEO	T VDE	:12 VD	DET 3	V DET 4	V DET 5	o (V)	DET 6	V DET 7	V DET 8
OTHER INFORMATION O	R SPECIAL RE	QUIREMEN	_ ITS:						
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ISTRICT - KANSAS CITY	COUNTY	DESIGNATION TRAVELWAY	CROSS STREET	LOG MILE 12.43300
		Section of the Company of the Compan		and Daniel Committee
IIP TO: ARK DURHAM	T I	9101 EAST 40TH TERRACE	KANSAS CITY, MO	64133
Common annual management	nace and well as president of the	101 CAST TOTAL TERRACE	INNOAS CITT, NO	and Insertance
GNAL ID 244			CABINET TYPE	
ONTROLLER	_	CONTROLLER TYPE	NEMA/PT STANDARD EV CABINET DESCRIPTION	
S1		ACTUATED	OADIOLI DECINITION	
YSTEM MASTER	Teast in the	DETECTION TYPE		
TERCONNECT TYPE		INDUCTION AND VIDEO		
WIRE LOCAL		VIDEO SYSTEM INTERFACE INDUCTION DETECTOR PANEL	PRE-EMPT	
ACKPANEL				
2-POSITION-TS1		VIDEO SYSTEM TYPE	PRE-EMPT INFORMATION	
	<u>.</u>	Autoscope		
DPLUG				
	NEMA TS1	LOAD SWITCH ASSIGNMENTS		
1 2 3 4	5	6 7 8 9 10 1	L 12 EXCLUSIVE	PED PHASE
1 2 3 4	5	6 8 OLA	8P	
	NEMA TS	2 LOAD SWITCH ASSIGNMENTS		
	13	14 15 16		
# OF S	TANDARD 2-	CHANNEL DETECTOR 2		
NEMA		CHANNEL DETECTOR 1		
# OF J	DELAY/EXT 2	-CHANNEL DETECTOR 1		
		CARD RACK CONFIGURATION		
	FILL I	N POSITIONS NEEDED WITH ASSOCIATED PHASE	NUMBER	
1-CH1	2-CH1	3-CH1 4-CH1 5-CH1 6-CH1	7-CH1 8-CH1	7
0	0	0 0 0 0	8 8	
1-CH2	2-CH2	3-CH2 4-CH2 5-CH2 6-CH2	7-CH2 8-CH2	-1.
0	0	0 0 0 0	4	1
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DELAY/EXTEND	DET	DET DET DET	DET DET D	ET
DECATE AND				V
· · · · · · · · · · · · · · · · · · ·	V DET	V DET 2 V DET 3 V DET 4 V DET 5	V DET 6 V DET 7 V C	ET8
VIDEO				
OTHER INFORMATION	N OR SPECI	AL REQUIREMENTS:		
				D •
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STRICT KANSAS CITY	COUNTY CLAY	DESIGNATION MO	TRAVELWAY	CROSS STREET 14th Street	LOG MILE 12.18000
IIP TO:					
ARK DURHAM	MILITARIA MARKANIA M	9101 EAST 40TH TERRACE		KANSAS CITY, MO	64133
GNAL ID 245		A CONTRACTOR OF THE STATE OF TH		CABINET TYPE	
ONTROLLER		CONTROLLER TYPE		NEMA/PT STANDARD EV	
31		ACTUATED		CABINET DESCRIPTION	
STEM MASTER		DETECTION TYPE	A. S.		
		INDUCTION AND VIDEO			
TERCONNECT TYPE	100	VIDEO SYSTEM INTERFACE		PRE-EMPT	
WIRE LOCAL		INDUCTION DETECTOR PANEL		FOLI-INIFI:	
ACKPANEL		VIDEO SYSTEM TYPE		PRE-EMPT INFORMATION	
-POSITION-TS1		Autoscope			
5.7016					
D PLUG		1	laga est		
	NEMA TS1	LOAD SWITCH ASSIGNMENTS			
	5	6 7 8 9	10 11	and an accommendate to the contract of the con	PED PHASE
1 2 1	4 [5]	6 8		8P	
	NEMA TS	2 LOAD SWITCH ASSIGNMENTS			
	13	14 15 16			
NEMA		-CHANNEL DETECTOR 2 -CHANNEL DETECTOR 1			
	FILL	CARD RACK CONFIGU N POSITIONS NEEDED WITH ASSO		UMBER	
1-CH1 0 1-CH2	2-CH2 0	3-CH1 4-CH1 5-Cl	0	7-CH1 8-CH1 8 7-CH2 8-CH2 4	
DELAY/EXTEND	DET	DET DET DET	DET.		DET
· VIDEO	V DET	V DET 2 V DET 3 V DET 4	. V DET 5	V DET 6 V DET 7 ; V I □ □ □ □ · □ · [DET 8
OTHER INFORMAT	TON OR SPECIA	AL REQUIREMENTS:			16
					60.5
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FRICT KANSAS CITY	CLAY	DESIGNATI MO	ON TRAVELWAY 9	CROSS STREET 16th Street	LOG MIL 11.9300
ν то:					4 1
K DURHAM	9101 E	AST 40TH TERRACE		KANSAS CITY, MO	64133
NALID 246		de de la companya de La companya de la co		CABINET TYPE	
NTROLLER	COI	NTROLLER TYPE		NEMA/PT STANDARD EV	
	AC	TUATED		CABINET DESCRIPTION	
STEM MASTER	DE1	TECTION TYPE			
	IND	DUCTION AND VIDEO		Continues of the Contin	
ERCONNECT TYPE		EO SYSTEM INTERFAC		PRE-EMPT	
1772	<u> </u>	DUCTION DETECTOR PAN			
POSITION-TS1	VID	DEO SYSTEM TYPE		PRE-EMPT INFORMATION	
FUSITION-151	Auto	oscope			
D PLUG	197				
	NEMA TS1 LOAF	SWITCH ASSIGNMEN	ITS		
l 2 3	4 5 6	7 8	9 10 11	12 EXCLUSIVE	PED PHASE
1 2	4 5 6	. 8		8P	
	NEMA TS2 LO/	AD SWITCH ASSIGNME	NTS		
		14 15 1	2.7.2.2.2		
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NEMA		and the same of th			
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		CARD RACK CON	JEIGURATION	1	
	FILL IN POS		ASSOCIATED PHASE N	JMBER	
1-cH1	2-CH1 3-	CH1 4-CH1	5-CH1 6-CH1	7-CH1 8-CH1	7
1-CH1	2-CH1 3- 0 0	CH1 4-CH1 0 0	5-CH1 6-CH1 0	7-CH1 8-CH1 8	
		0	0 0	8 8	
1-CH2					
1-CH2	2-CH2 3-	0 0 0 CH2 4-CH2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 8	
1-CH2	2-CH2 3-I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0	7-CH2 8-CH2 4	ET
1-CH2	2-CH2 3-I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7-CH2 8-CH2 4 A	ET
1-CH2	DET DET	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0 DET DET	7-CH2 8-CH2 4 4 DET DET DET	V
1-CH2	2-CH2 3-I	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0 0	7-CH2 8-CH2 4 4 DET DET DET DET DET V DET 6 V DET 7 V D	an residence de la company
DELAY/EXTEND	DET DET	0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0 DET DET	7-CH2 8-CH2 4 4	✓ ET 8
DELAY/EXTEND	DET DET V DET V DET	0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0 DET DET	7-CH2 8-CH2 4 4	✓ . ET 8
1-CH2	DET DET V DET V DET	0 0 0 0 0 0 0 0 0 0	5-CH2 6-CH2 0 DET DET	7-CH2 8-CH2 4 4	✓ . ET 8
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KANSAS CITY	COUNTY	DESIGNATION MO	TRAVELWAY 9	CROSS STREET Armour	LOG MILE 11.68100
IIP TO:					
ARK DURHAM	9101 EA	AST 40TH TERRACE		KANSAS CITY, MO	64133
GNAL ID 240 & 250				CABINET TYPE	
ONTROLLER	CON	ITROLLER TYPE		NEMA/PT STANDARD EV	
S1	ACT	UATED (CABINET DESCRIPTION	
YSTEM MASTER	DET	ECTION TYPE			
EMA SYSTEM MASTER	IND	UCTION AND VIDEO			
TERCONNECT TYPE	VIDE	O SYSTEM INTERFACE		PRE-EMPT	
WIRE MASTER	IND	UCTION DETECTOR PANEL			
ACKPANEL	VID	EO SYSTEM TYPE		PRE-EMPT INFORMATION	
2-POSITION-TS1	Auto	scope			
D'PLUG					
	NEMA TS1 LOAD	SWITCH ASSIGNMENTS			
1 2 3 4		7 8 9	10 11	12 EXCLUSIVE	PED PHASE
2	5 6	8		8P	
	NEMA TS2 LOA	D SWITCH ASSIGNMENT	5		green and the second
	13 1	4 15 16			
	11		<u>_</u> l		
#.OF	STANDARD 2-CHAN	NEL DETECTOR 2			
NEMA "a		NEL DETECTOR 1			
#Ur	F DELAY/EXT 2-CHAN	NEC DETECTOR 1			
		CARD RACK CONFIG	GURATION		
	FILL IN POS	ITIONS NEEDED WITH ASS	SOCIATED PHASE NU	JMBER	<u>.</u>
1-CH1			CH1 6-CH1	7-CH1 8-CH1	19.00
0	0		0	8 8 8	
1-CH2	سنسوال مستستسوال		CH2 6-CH2	7-CH2 8-CH2	
			0 1 0		
27 (0 to 1) (0 to 1)					1
DELAY/EXTEND	DET DET	DET DET	DET .	DET DET DE	ET Z
25.5					<u>U</u>
VIDEO	V DET V DET	2 V DET 3 V DET	4 V DET 5	V DET 6 V DET 7 V DE	ET 8
	ION OR SPECIAL REC	NUPEMENTS:	Ц,		
ı nıs capınet requi	ires a local AND master	CONTROLLER!			

- KANSAS CITY	COUNTY CLAY	DESIGNATION MO	TRAVELWAY 9	CROSS STREET 23rd Street	LOG MILE 11.41500
IIP TO:					
ARK DURHAM	91	101 EAST 40TH TERRACE		KANSAS CITY, MO	64133
IGNAL ID 249				CABINET TYPE	e de la companya de
ONTROLLER		CONTROLLER TYPE		NEMA/PT STANDARD EV	
S1		ACTUATED	and the second	CABINET DESCRIPTION	anno de la compania d
YSTEM MASTER		DETECTION TYPE			
		INDUCTION AND VIDEO	1		
ITERCONNECT TYPE -WIRE LOCAL		VIDEO SYSTEM INTERFACE	-	PRE-EMPT	
ACKPANEL		INDUCTION DETECTOR PANEL			4
2-POSITION-TS1		VIDEO SYSTEM TYPE	-	PRE-EMPT INFORMATION	
	eraning.	Autoscope			To the second
DPLUG				SERVICES.	
	NEMA TS1 I	OAD SWITCH ASSIGNMENTS		7 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	4 5	6 7 8 9	10 11	12 EXCLUSIVE	PED PHASE
1 2	4 5 1	6 8		<u> </u> 8P	
	NEMA TS2	LOAD SWITCH ASSIGNMENTS	The state of the s		
	13	14 15 16			
NEMA		CHANNEL DETECTOR 2 CHANNEL DETECTOR 2			
		CARD RACK CONFIG	URATION		
	FILL IN	CARD RACK CONFIG POSITIONS NEEDED WITH ASS		JMBER	
1-CH1 0 1-CH2 0	2-CH1 0 0 2-CH2	POSITIONS NEEDED WITH ASS		7-CH1 8-CH1 8 7-CH2 8-CH2 4 4 4 4	
0 1-CH2	2-CH1 0 0 2-CH2	3-CH1 4-CH1 5-C 3-CH2 4-CH2 5-C	CH1 6-CH2 0	7-CH2 8-CH2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	DET ✓
1-CH2 0	2-CH1 0 2-CH2 0 DET	POSITIONS NEEDED WITH ASS 3-CH1 4-CH1 0 3-CH2 4-CH2 5-C	COCIATED PHASE NO.	7-CH2 8-CH2 4 4 4 DET DET DET L	and the second s
DELAY/EXTEND VIDEO	2-CH1 0 0 2-CH2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3-CH1	COCIATED PHASE NO.	7-CH2 8-CH2 4 4 4 V DET 6 V DET 7 V	V
J-CH2 O DELAY/EXTEND VIDEO	2-CH1 0 0 2-CH2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POSITIONS NEEDED WITH ASS 3-CH1 4-CH1 5-C 0 0 0 0 3-CH2 4-CH2 5-C 0 0 0 0 DET DET DET DET 0 0 0 0 / DET 2 V DET 3 V DET	COCIATED PHASE NO.	7-CH2 8-CH2 4 4 4 V DET 6 V DET 7 V	V
J-CH2 O DELAY/EXTEND VIDEO	2-CH1 0 0 2-CH2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	POSITIONS NEEDED WITH ASS 3-CH1 4-CH1 5-C 0 0 0 0 3-CH2 4-CH2 5-C 0 0 0 0 DET DET DET DET 0 0 0 0 / DET 2 V DET 3 V DET	COCIATED PHASE NO.	7-CH2 8-CH2 4 4 4 V DET 6 V DET 7 V	V

TRICT (ANSAS CITY)	COUNTY	DESIGNATION TRAVELWAY	CROSS STREET	LOG MILE
ALCONOMIC STATES	PLAT	MO 9	26th Street	11.21600
2 ТО:				T
K DURHAM	J 9101	LEAST 40TH TERRACE	KANSAS CITY, MO	64133
NAL ID 248			CABINET TYPE	
NTROLLER	C	ONTROLLER TYPE	NEMA/PT STANDARD EV	and Control of Control
	J _A	ACTUATED	CABINET DESCRIPTION	
STEM MASTER	D	ETECTION TYPE		
	J IV	IDEO W/CARD RACK		
ERCONNECT TYPE	V	IDEO SYSTEM INTERFACE	PRE-EMPT	
/IRE LOCAL	ĪI	NDUCTION DETECTOR PANEL		Ī
CKPANEL	V	/IDEO SYSTEM TYPE	PRE-EMPT INFORMATION	
POSITION-TS1	Α	utoscope		
) PLUG				
<u> </u>	NEMA TOULO			
L 2 3 4	5 6	AD SWITCH ASSIGNMENTS 7 8 9 10 11	12 PEVOLUCTUE	DED DUACE
1 2 4	5 6		12 EXCLUSIVE	PED PHASE
	NFMA TS2 I	OAD SWITCH ASSIGNMENTS	A Company of the Comp	
	13	14 15 16		
# OF C	FANDADD D. CILL	ANNEL DETECTOR: 0		e e e
NEMA # OF SI	I ANDARD 2-CH	ANNEL DETECTOR		
	DELAY/EXT 2-CH	ANNEL DETECTOR 0		
	FILL IN PO	CARD RACK CONFIGURATION OSITIONS NEEDED WITH ASSOCIATED PHASE NU	IMBER	
· · · · · · · · · · · · · · · · · · ·		The second secon		7
1-CH1	2-CH1 0 I	3-CH1 4-CH1 5-CH1 6-CH1 0 0 0	7-CH1 8-CH1 0	
	J			_
1-GH2 0	2-CH2	3-CH2 4-CH2 5-CH2 6-CH2 0 0	7-CH2 8-CH2 0	
	 			
				-
DELAY/EXTEND	DET D	ET DET DET DET	DET DET C	DET
	т Ц		L L	البار (البا
	entropy and property areas of the first and accompanies of	- Committee Co	V DET 6 V DET 7 V D	DET 8
	/ DET V D	DET 2 V DET 3 V DET 4 V DET 5, 30 V		_
VIDEO				
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ISTRICT - KANSAS CITY	COUNTY CLAY	DESIGNATION MO	TRAVELWAY	CROSS STREET MO 283	LOG MILE 11.03900
HIP TO:		And the second s	* *		
ARK DURHAM	9101 EA	ST 40TH TERRACE		KANSAS CITY, MO	64133
IGNAL ID 247				CABINET TYPE	
ONTROLLER	CON	TROLLER TYPE		NEMA/PT STANDARD EV	
S1	and the same of th	UATED	49	CABINET DESCRIPTION	
YSTEM MASTER	DET	ECTION TYPE			
	INDU	JCTION AND VIDEO			
TERCONNECT TYPE	VIDE	O SYSTEM INTERFACE		PRE-EMPT	
-WIRE LOCAL	INDU	JCTION DETECTOR PANEL			7
ACKPANEL	VIDI	EO SYSTEM TYPE		PRE-EMPT INFORMATION	
2-POSITION-TS1	Auto	scope			
D PLUG					
	<u> </u>			A CONTRACTOR	
		SWITCH ASSIGNMENTS			
1 2 3 4 2 4	. 5 6 6	7 8 9	10 11	12 L EXCLUSIV	E PED PHASE
	NEMA TS2 LOAL	J J J J J SWITCH ASSIGNMENTS			
	13 1				
# 0E '	STANDARD 2-CHANI	NEL DETECTOR 4			
NEMA "O.	STANDARD 2 CHAIN	ACCUMENTATION OF THE PROPERTY			34.5
# O F	DELAY/EXT 2-CHAN	NEL DETECTOR 0			0.0
		CARD RACK CONFIGU	RATION		
	FILL IN POSI	TIONS NEEDED WITH ASSO		UMBER	
1-CH1		:H1 4-CH1 5-CI	1		7
	6	6 0 0	0 0	8 8	
1-CH2	2-CH2 3-C	H2 4-CH2 5-CI	12 6-CH2	7-CH2 8-CH2	
0	2 2	2 0	0 0	0 0	
· · · · · · · · · · · · · · · · · · ·	DET DET	DET DET	DET	DET DET	DET
DELAY/EXTEND					
	V DET V DET	2 V DET 3 V DET 4	V DET 5	V DET 6 V DET 7 V	DET 8
VIDEO					
OTHER INFORMATI	ON OR SPECIAL REC	UIREMENTS:			
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11	CABINET C	YPE STANDARD EV DESCRIPTION	64133
11	CABINET INEMA/PTS CABINET C PRE-EMPT	TYPE STANDARD EV DESCRIPTION	
11	CABINET INEMA/PTS CABINET C PRE-EMPT	TYPE STANDARD EV DESCRIPTION	
11	PRE-EMPT	STANDARD EV DESCRIPTION	
11	PRE-EMPT	PESCRIPTION.	
11	PRE-EMPT		
11		INFORMATION	
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11	12		
11	12		
11	12		
11	12		
		EXCLUSIV	E PED PHASE
HASE NU	IMBER	<u> </u>	_
CH1	7-CH1	8-CH1	
<u> </u>	1		_
	7-CH2	8-CH2	
CH2 0	0	0	
i de la composição de l	<u>1</u>	0 0	1 7-CH1 8-CH1 0 0

RICT ANSAS CITY	COUNTY CLAY	DESIGNATION TRÂV	ELWAY	CROSS STREET 32nd Street	LOG MILE 2.02200
TO: K DURHAM		9101 EAST 40TH TERRACE		KANSAS CITY, MO	64133
THE PARTY OF THE P	000000000000000000000000000000000000000	JIVI LAOT TUITTERACL		I IMMSAS CITT, MO	107133
NALID 242				CABINET TYPE NEMA/PT STANDARD EV	
ITROLLER	-	CONTROLLER TYPE ACTUATED		CABINET DESCRIPTION	
TEM MASTER		DETECTION TYPE			
	7	INDUCTION			
ERCONNECT TYPE		VIDEO SYSTEM INTERFACE		PREMIT	
IRE LOCAL				PRE-EMPT	
KPANEL		VIDEO SYSTEM TYPE		PRE-EMPT INFORMATION	
POSITION-TS1					
) PLUG					
	NEMA TO			I www.	
2 3 4	NEMA ISI	LOAD SWITCH ASSIGNMENTS 6 7 8 9 10	11	12 EXCLUSIVE	DED BUACE
2 4	5	6 8 4P		EXCEOSIVE	-LD FRASE
	NEMA TS	52 LOAD SWITCH ASSIGNMENTS	•	The second secon	
	13	14 15 16			Action 1995
	7.7				
# OF \$	TANDARD 2	-CHANNEL DETECTOR 5			
NEMA		-CHANNEL DETECTOR 2			
# UF	DELAY/EXT 2	-CHANNEL DETECTOR			
		CARD RACK CONFIGURATION			
	FILL	N POSITIONS NEEDED WITH ASSOCIATED	PHASE N	UMBER	
1-CH1	2-CH1	3-CH1 4-CH1 5-CH1	6-CH1	7-CH1 8-CH1	
	6		0	8 8	An art S
1-CH2	2-CH2	3-CH2 4-CH2 5-CH2	6-CH2	7-CH2 8-CH2	
5	2		0		
DELAY/EXTEND	DET	DET DET DET D	ET	DET DET DI	ET ∕l
	U		-		
VIDEO	V DET	V DET 2 V DET 3 V DET 4 V D	DET 5	V DET 6 . V DET 7 V DI	ET'8]
OTHER INFORMATION	□ ON OR SPECI	AL REQUIREMENTS:	7		,
			//3/4		
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ISTRICT - JOPLIN	COUNTY JASPER		TRAVELWAY 66	CROSS STREET LOG M
HIP TO: DHN FITE	[]2	800 STEPHENS BLVD., BLDG. D		JOPLIN, MO 64804
CONTROLLER TS1 SYSTEM MASTER		CONTROLLER TYPE ACTUATED DETECTION TYPE		CABINET TYPE NEMA/PT STANDARD E CABINET DESCRIPTION small NEMA cabinet 36" x 17" nominal
NTERCONNECT TYPE		INDUCTION VIDEO SYSTEM INTERFACE NONE"		PRE-EMPT
PACKPANEL 2-POSITION-TS1	1	VIDEO SYSTEM TYPE		PRE-EMPT INFORMATION
] D PLUG	m i les La la			
1 2 3 4 BLt WBTh NB SB	5	LOAD SWITCH ASSIGNMENTS 6 7 8 9 3 Thr	10 11 ·	12 EXCLUSIVE PED PHASE
	NEMA TS	2 LOAD SWITCH ASSIGNMENTS 14 15 16		
NEMA		CHANNEL DETECTOR 6 CHANNEL DETECTOR 1 CARD RACK CONFIGURA	ATION	
1-CH1	FILL II	N POSITIONS NEEDED WITH ASSOC		MBER
1-CH2 5	2-CH2 2-CH2		3	7-CH2 8-CH2 0
DELAY/EXTEND	DET	DET DET (DET).	DET :	DET DET DET
VIDEO OTHER INFORMATION		V DET 2 V DET 3 V DET 4. LE REQUIREMENTS:	V DET 5 V	DET6 V DET7 V DET8
Phase 3 is for north b	ound traffic and	I phase 4 is for south bound traffic (all	movements left, rig	ht, straight thru)
Go To Next Record		Go to Previous Record	Add a New Re	ecord Close File

STRICT - JOPLIN	COUNTY NEWTON	DESIGNATION BU	TRAVELWAY 71	CROSS STREET BU 60/Lusk	LOG MILE 4.36000
iiP TO:	** L ate	Parameter (1997)	#1-5 	And the second s	
HN FITE	2800 STI	EPHENS BLVD., BLDG. D		JOPLIN, MO	64804
GNALID 1413				CABINET TYPE	
ONTROLLER	CON	FROLLER TYPE		NEMA/PT STANDARD EV	
31	ACTU	JATED		CABINET DESCRIPTION	
STEM MASTER	DETE	CTION TYPE			
	INDU	CTION	<u></u>	10 mg 10	
TERCONNECT TYPE		O SYSTEM INTERFACE	<u> </u>	PRE-EMPT	1,5
And the second s	NONE		4		
-POSITION-TS1	VIDE	O SYSTEM TYPE		PRE-EMPT INFORMATION	
D PLUG					Company of the Compan
The second second	NEMA TS1 LOAD	SWITCH ASSIGNMENTS			
	5 6	7 8 9	10 11	12 EXCLUSIV	E PED PHASE
NB EBLt WB		WB Lt EB Thr		Constitution of the Consti	
		SWITCH ASSIGNMENTS	<u>5</u>		
	13 14	. 15 16			
		IEI DETECTOR 4	=		
NEMA	STANDARD 2-CHANN	EL DETECTOR 1			
	F DELAY/EXT 2-CHANN	IEL DETECTOR: 0	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
		CARD RACK CONFIG	URATION		
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RICT /ILLOW.SPRINGS	COUNTY HOWELL	DESIGNATION BU	TRAVELWAY 63	CROSS STREET Broadway	LOG MIL 0.0000
TO:					
RIECHERS	3956 E.	MAIN, P.O. BOX 220		WILLOW SPRINGS, MO	65793
NAL ID 1189				CABINET TYPE	
ITROLLER	CON	TROLLER TYPE		NEMA/PT STANDARD E	
	ACTU	JATED		CABINET DESCRIPTION	
TEM MASTER	DETE	ECTION TYPE			
	<u>INDU</u>	ICTION			
ERCONNECT TYPE	VIDE	O SYSTEM INTERFACE		PRE-EMPT	
1			4	The second secon	
KPANEL POSITION-TS1	VIDE	O SYSTEM TYPE		PRE-EMPT INFORMATION	
PLUG	<u> </u>	All Control			
	NEMA TS1 LOAD	SWITCH ASSIGNMENTS			
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2 3 4	5 6	7 8 9	10 11	12	
40.000	A CONTRACTOR OF STREET	SWITCH ASSIGNMENT	<u>'S</u>		
	13 14	1 15 16			
	and design of the second secon	IEL DETECTOR 8			
# OF NEMA	STANDARD 2-CHANN	IEL DETECTOR J			
	F DELAY/EXT 2-CHANN	NEL DETECTOR 8			
		CARD RACK CONFI	GURATION		
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VIDEO	V DET V DET	2 V DET 3 V DE	Γ4 V DET 5	V DET 6 V DET 7 V.I	DET 8
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ISTRICT - WILLOW SPRINGS	COUNTY	and the second s		CROSS STREET	LOG MILE 0.00000
WILLOW SPRINGS	JOILGON	US	63	142	0.00000
HIP TO:					
M RIECHERS	[3956 E.	MAIN, P.O. BOX 220		WILLOW SPRINGS, MO	65793
IGNAL ID 3804				CABINET TYPE	
ONTROLLER	and the same of th	TROLLER TYPE		NEMA/PT STANDARD E	
S1		JATED		CABINET DESCRIPTION	
YSTEM MASTER		ECTION TYPE			
NTERCONNECT TYPE		ICTION			
To the second se	VIDE	O SYSTEM INTERFACE		PRE-EMPT	
BACKPANEL	Vine	O SYSTEM TYPE		PRE-EMPT INFORMATION	
2-POSITION-TS1	- VIDE	OSISIEM TIFE		PAE-EMPT INFORMATION	
D PLUG					
J PEUG	<u> </u>				
	NEMA TS1 LOAD	SWITCH ASSIGNMENTS			
1 2 3 4 2 3 4	5 6 5 6	7 8 9 7 8 9	10 11	12 EXCLUSIV	E PED PHASE
		SWITCH ASSIGNMENT			
	13 14	1	3	AND STREET	
# OF	STANDARD 2-CHANN	IEL DETECTOR 8			
NEMA		· ·			
#0	F DELAY/EXT 2-CHANN	NEL DETECTOR 8			
		CARD RACK CONFI	GURATION		
	FILL IN POSI	TIONS NEEDED WITH AS	SOCIATED PHASE N	IUMBER	
1-CH1	2-CH1 3-C	H1 4-CH1 5	-CH1 6-CH1	7-CH1 8-CH1	
1	2	2 2 2	3 4		
1-CH2	2-CH2 3-C	manager : gammanager : gam	-CH2 6-CH2	7-CH2 8-CH2	
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DISTRICT D-ROLLA	COUNTY. PHELPS	DESIGNATION MO	TRAVELWAY 8	CROSS STREET	LOG MILE 0.47300
SHIP TO:			gradient (new York Annal) A control of the Control		() () () () () () () () () ()
STEVE HELTON		L0201 COUNTY ROAD 8110		ROLLA, MO	65401
SIGNAL ID 1291				CABINET TYPE	
CONTROLLER		CONTROLLER TYPE		NEMA/PT STANDARD E	
TS1	one it fact, in	ACTUATED		CABINET DESCRIPTION	
SYSTEM MASTER		DETECTION TYPE			
		INDUCTION			
NTERCONNECT TYPE	_	VIDEO SYSTEM INTERFACE		PRE-EMPT	
BACKPANEL		NONE"			
12-POSITION-TS1	_	VIDEO SYSTEM TYPE		PRE-EMPT INFORMATION	
				The area of the second second	
D PLUG					
	NEMA TS1	LOAD SWITCH ASSIGNMENTS			
	4 5	6 7 8 9	10 11	12 EXCLUSIVE	PED PHASE
l [2 [3 [4]	5 6		 10	12	
200	NEMA TS	2 LOAD SWITCH ASSIGNMENTS 14 15 16	100		
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# 0	E STANDARD 3	CHANNEL DETECTOR 6			
NEMA # 5	r STANDARD 2-	CHANNEL DEFECTOR			
#.0	OF DELAY/EXT 2-	CHANNEL DETECTOR 6			43
		CARD RACK CONFIGU	JRATION		
	FILL II	N POSITIONS NEEDED WITH ASSO		JMBER	
1-CH1	2-CH1	3-CH1 4-CH1 5-C	H1 6-CH1	7-CH1 8-CH1	
N. 1	2	2 3	4 4	0 0	
1-CH2	2-CH2	3-CH2 4-CH2 5-C	H2 6-CH2	7-CH2 8-CH2	
5	6	6 7	8 8	0 0	
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ISTRICT	- Participation of the Control of th	DESIGNATION	TRAVELWAY	CROSS STREET	LOG MILE
- ROLLA	PHELPS	<u>Jus</u>	63	Ft Wyman	[]212.24600]
HIP TO:					
TEVE HELTON	10201 COUNTY ROA	AD 8110		ROLLA, MO	65401
SIGNAL ID 925				CABINET TYPE	
CONTROLLER	CONTROLLER	YPE		NEMA/PT STANDARD E	
TS1	ACTUATED			CABINET DESCRIPTION	
SYSTEM MASTER	DETECTION TY	?E			
NTERCONNECT TYPE	INDUCTION	INTERESOR			
	VIDEO SYSTEM NONE"	INTERFACE		PRE-EMPT	
BACKPANEL	VIDEO SYSTEM	TVDE		BRE EMPT INCOMATION	
12-POSITION-TS1	VIDEO SYSTEM	LITE		PRE-EMPT INFORMATION	
in the second					
_ D PLUG					
	NEMA TS1 LOAD SWITCH A	SSIGNMENTS		L.	
1 2 3 4 2 3 4	5 6 7 5 6 7	8 9 9	10 11 10 11	12 EXCLUSIVE P	ED PHASE
		J.	10 11	15 (15)	
	NEMA TS2 LOAD SWITCH .		4.6576		
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# 0E C	TANDARD 2-CHANNEL DETEC	- 6 T			
NEMA # OF S	TANDARD 2-CHAINNEL DETEC			Programme and the second secon	
#'OF.I	DELAY/EXT 2-CHANNEL DETEC	TOR 6			
	CARD	RACK CONFIGU	RATION		
	FILL IN POSITIONS NEE			MBER	
1-CH1	2-CH1 3-CH1 4	-CH1 5-CH	11 6-CH1	7-CH1 8-CH1	
1	2 2	3	4 4	0 0	
1-CH2	2-CH2 3-CH2 4	-CH2 5-CH	l2 6-CH2	7-CH2 8-CH2	
5	6 6	7	8 8	0 0	
DELAY/EXTEND	DET DET DE		DET	DET DET DE	T
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VIDEO	V DET 2 V DE	T3 V DET 4	V DET 5 V	DET 6 V DET 7 V DE	
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VIII VIII VIII VIII VIII VIII VIII VII			F		Table 1
HIP TO: TEVE HELTON	[10201	1 COUNTY ROAD 8110		ROLLA, MO	65401
SIGNAL ID 1289				CABINET TYPE	
CONTROLLER	CC	ONTROLLER TYPE		NEMA/PT STANDARD E	
rs1		CTUATED		CABINET DESCRIPTION	
SYSTEM MASTER	DE	ETECTION TYPE			
	IN	DUCTION			
NTERCONNECT TYPE	<u></u>	DEO SYSTEM INTERFACE		PRE-EMPT	
NON-COORDINATED	<u> </u>	DNE"			
ACKPANEL	VI	IDEO SYSTEM TYPE		PRE-EMPT INFORMATION	
12-POSITION-TS1					
DPLUG	93000		i kasa Maraja		and the second
	NEMA TS1 LOA	D SWITCH ASSIGNMENTS			
1 2 3	4 5 6	7 8 9	10 11	12 EXCLUSIVE	PED PHASE
2 3 4	5 6	7 8 9	10 11	12	
		AD SWITCH ASSIGNMENT	S	A Million of	
	13	14 15 16			
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# O NEMA	F STANDARD 2-CHA	NNEL DETECTOR 6		Supplementary of the second	
	OF DELAY/EXT 2-CHA	NNEL DETECTOR 6	ar est		
		OARD BACK CONEIG	NUDATION		
	FILL IN PO	CARD RACK CONFIG SITIONS NEEDED WITH AS		IUMBER	
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1-CH2	2-CH2 3	J-CH2 4-CH2 5-I	CH2 6-CH2	7-CH2 8-CH2	
5	or promover pro	6 7	8 8	0 0	
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	J 🔽] [
VIDEO	V DET V DE		المراز والمناز	V DET 6 V DET 7 V D	ET8
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TRICT - SIKESTON	COUNTY	DESIGNATION	TRÁVELWAY	CROSS STREET	LOG MILE
· SINESTON	BUTLER	BU	60	Rte. PP	2.45200
P TO:		ann kann a sa s			and the second s
WAYNE ROBEY	111 EDWARDS	ST.		SIKESTON, MO	63801
GNAL ID 0				CABINET TYPE	
ONTROLLER	CONTROLL	ER TYPE		NEMA/PT STANDARD EV	
1	ACTUATED	D. Jane		CABINET DESCRIPTION	
STEM MASTER	DETECTION	N TYPE		Counting Cabinet	
	INDUCTION	I			
FERCONNECT TYPE	VIDEO SYS	STEM INTERFACE		PRE-EMPT	
And the second s					
CKPANEL	VIDEO SYS	STEM TYPE		PRE-EMPT INFORMATION	
-POSITION-TS1					
D PLUG					
	NEMA TS1 LOAD SWITE	CH ASSIGNMENTS			
1 2 3 4	5 6 7		10 11	12 EXCLUSIVE	PED PHASE
2 3 4	5 6 7	8			
	NEMA TS2 LOAD SWI	TCH ASSIGNMENTS	3]		
	13 14	15 16			
			<u></u>		
# OF S	TANDARD 2-CHANNEL DE	TECTOR 4			
NEMA		TECTOR 8			
# OF I	DELAY/EXT 2-CHANNEL DE	FIEGIOR		20.78	
	C	ARD RACK CONFIG	URATION		
	FILL IN POSITIONS	NEEDED WITH ASS	SOCIATED PHASE N	JMBER	
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	4 6	8	0 0		
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TRICT - SIKESTON	COUNTY DUNKLIN	DESIGNATION BU	TRAVELWAY 25	CROSS STREET Broadwater St.	LOG MIL 1.4090
P TO:					
WAYNE ROBEY	111 EDW	/ARDS ST.		SIKESTON, MO	63801
GNAL ID 4869		li de		CABINET TYPE	
NTROLLER	CON	TROLLER TYPE		NEMA/PT STANDARD EV	
1	ACTU	JATED	4	CABINET DESCRIPTION	
STEM MASTER	DETE	ECTION TYPE		Counting Cabinet	
	INDU	CTION			
ERCONNECT TYPE	VIDE	O SYSTEM INTERFACE		PRE-EMPT	
TI THE TOTAL T					
CKPANEL	VIDE	O SYSTEM TYPE		PRE-EMPT INFORMATION	
POSITION-TS1					
D PLUG					
		SWITCH ASSIGNMENTS			
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		SWITCH ASSIGNMENT	_		
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		IEL DETECTOR 4			
# OF NEMA	STANDARD 2-CHANN	IEL DETECTOR			
	F DELAY/EXT 2-CHANN	IEL DETECTOR 8			
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	FILL IN POSI	TIONS NEEDED WITH AS	SOCIATED PHASE N	IUMBER	7
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DELAY/EXTEND	DET DET	DET DET			ET ☑
			'		
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ISTRICT 0 - SIKESTON	COUNTY ST. FRANCOIS	DESIGNATION TRAVELY	CROSS STREET Rte. D	LOG MILE 255.98600
HIP TO:				
EWAYNE ROBEY	111 EDWA	ARDS ST.	SIKESTON, MO	63801
SIGNAL ID 4633			CABINET TYPE	
ONTROLLER	CONTR	ROLLER TYPE	NEMA/PT STANDARD EV	
rs1	ACTUA	ATED	CABINET DESCRIPTION	
YSTEM MASTER	DETEC	TION TYPE	Counting Cabinet	
	INDUCT	ΠON		
ITERCONNECT TYPE	VIDEO	SYSTEM INTERFACE	PRE-EMPT	
ACKPANEL	VIDEO	SYSTEM TYPE	PRE-EMPT INFORMATION	
2-POSITION-TS1	de Armada and			
DPLUG				
	NEMA TS1 LOAD SV	WITCH ASSIGNMENTS	10 (
1 2 3	4 5 6	7 8 9 10	11 12 EXCLUSIV	E PED PHASE
2 3 4	5 6 7	8		
	NEMA TS2 LOAD S	SWITCH ASSIGNMENTS		
	13 14	15 16		
10.00	OF STANDARD 2-CHANNE	L.DETECTOR 4		
NEMA #	OF DELAY/EXT 2-CHANNE	UDETECTOR 8		
		The International		
		CARD RACK CONFIGURATION		
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DELAY/EXTEND	DET DET	DET DET DET	DET DET	DET ✓
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TRICT - SIKESTON	COUNTY	DESIGNATION TRAVE	LWAY CROSS STREET New Madrid St.	LOG MILE 22.35800
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IP TO: WAYNE ROBEY	111 EDW	VARDS ST.	SIKESTON, MO	63801
ONALID TO GE				P. Comment
GNALID 956 ONTROLLER	CON	TPOLLED TYPE	CABINET TYPE NEMA/PT STANDARD E	V
il		TROLLER TYPE JATED	CABINET DESCRIPTION	
STEM MASTER		ECTION TYPE	Counting Cabinet	
	INDU	ICTION	The second secon	
TERCONNECT TYPE		O SYSTEM INTERFACE	PRE-EMPT	
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CKPANEL	VIDE	O SYSTEM TYPE	PRE-EMPT INFORMATION) ON
-POSITION-TS1				
D PLUG				de de la participa de la compansión de la La compansión de la compa
		SWITCH ASSIGNMENTS		
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	NEMA TS2 LOAD	SWITCH ASSIGNMENTS	The control of the co	Table 14
	13 14			A. S. S. S. S.
# of NEMA	STANDARD 2-CHANN	IEL DETECTOR		
	DELAY/EXT 2-CHANN			
	3	CARD RACK CONFIGURATION		
	FILL IN POSIT	TIONS NEEDED WITH ASSOCIATED I	PHASE NUMBER	
1-CH1	2-CH1 3-CH	H1 4-CH1 5-CH1 0	6-CH1 7-CH1 8-CH1 0	
1-CH2	2-CH2 3-CF	H2 4-CH2 5-CH2 (6-CH2 7-CH2 8-CH2	- 22
2	4	6 8 8 0		
	DET DET	DET DET DE	T DET DET	DET
DELAY/EXTEND				V
	V DET V DET 2	2 V DET 3 V DET 4 V DE	ET 5 V DET 6 V DET 7	V DET 8
VIDEO				
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